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# ❖ DAFIS NEWS ❖

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June 1996 Volume 29

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NOVA  
We do Windows!!



... Teresa Ryser, AMI-500A

One of the initiatives under the Office of the Secretary of Transportation's (OST) "to be" model financial strategy, is the creation of new front-end screens in DAFIS. This effort is well underway and the first phase, creation of tables, has been completed.

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DAFIS for  
Windows  
becoming a  
reality.....

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The Natural Online Visual Architecture (NOVA) Team has successfully implemented three agencies. The Federal Railroads Administration (FRA) was connected and trained in November and December 1995 and the agency has three people currently testing the NOVA prototype. In April 1996 the Federal Transit Administration (FTA) and the Office of the Secretary of Transportation (OST) became the second site to gain connectivity. These agencies have 14 employees trained to use the NOVA screens and 11 computers networked to the new system. The NOVA Team is now finishing the revision of all DAFIS Table programs and will start work on programs for DAFIS formats and inquiries in FY97.

The NOVA screens were built using Software AG's New Dimension product which is a windows-based application that will run in the Windows 3.1 or 3.11 environment. For more information about the NOVA project, please contact Teresa Ryser at (405) 954-7384.

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## Office of Financial Services Has Web Site

... J.B. Morgan, AMZ-200



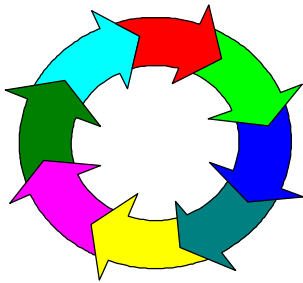
The Mike Monroney Aeronautical Center, Office of Financial Services (AMZ), has created a web site, which includes home pages for DAFIS Operations and Training, AMZ-2B, and

the Accounting Functional Division, AMZ-200. From these two web pages you can download the latest DAFIS MIR Data Warehouse User Guide, the latest DAFIS Newsletter, the DAFIS Proforma, the FAC Code Book, the Financial Statement Module User Guide, as well as other soon to be added DAFIS guides and products, all in Adobe Acrobat PDF Format. To access the web site, type <http://www.amz.jccbi.gov> in the URL Address field of your favorite web browser.



## OKC TEAM DAFIS EMBRACES INTERNAL PROCESS IMPROVEMENT

... Steve Dugan, AMI-500



As an ongoing effort to continually improve the DAFIS system and stay on the leading edge of technology, Oklahoma City (OKC) Team DAFIS is undertaking a new methodology. This long term methodology identified as Internal Process Improvement (IPI) was originally designed for the U.S. Department of Defense by the Carnegie Mellon University. The basic idea is to incorporate engineering processes into our software design and maintenance. In the same way that a highway engineer utilizes established processes and design techniques to design highways, DAFIS will be able to use established processes and design techniques to design and maintain its software. This new IPI method is rapidly gaining inroads into data information systems worldwide, and the benefits are extremely impressive.

A few of the benefits are:

- Increased customer satisfaction  
IPI will result in faster and higher quality software changes.
- Decrease employee stress by precise documentation of our processes  
A primary requirement of IPI is to assure that a wide variety of system information is easily obtainable by software design personnel. This will eliminate the need for employees to solely rely upon our experts for information.

- Increased productivity  
IPI will structure the software design and maintenance process to be more organized and efficient.
- Quality products produced on a consistent basis  
Although DAFIS has an excellent history of maintaining high quality products, IPI will make the task even easier.
- Improved Project Planning  
IPI will allow our DAFIS software group to make precise time and resource estimates. This will be extremely helpful in meeting our deadlines, especially on large projects.
- Improved Project Tracking and Oversight  
IPI will provide management with precise tools to track and oversee major DAFIS projects.

Impact upon you the customer .....

Almost all of these changes are scheduled to take place within the DAFIS AMI-500 area. As the IPI processes are incorporated into the DAFIS software areas, as a customer you will begin to notice small improvements at first, but as IPI becomes more integrated into the system you should see a considerable overall improvement in the quality and product cost.

|   |   |
|---|---|
| <p>To date 59% of the OKC Team DAFIS has received basic training in Internal Process Improvement. Plans are underway to train the entire workforce. This team is dedicated to serving our customers in the most cost efficient and professional way possible. Carnegie Mellon University has stated that the Office of Information Services (AMI) in OKC is the only group of people that has approached them to integrate these sorts of changes on their own initiative. We are excited and enthused about positive change that will improve our products</p> | <p>..improvement in quality and product cost.</p> |
|---|---|



## ASK DAFIS NEWS

# Q

I would like a list of Financial Statement Module (FSM) error messages and recommended solutions.

# A

The following list is designed to help troubleshoot problems you may encounter when running FSM. The reasons and suggested resolutions for the error messages are included.

### FSM ERROR Codes

#### Error Message

PROC XXXXXXX line XXX, Open  
Error XXXXXX.XXX (0)

PROC XXXXXXX line XXX, Open  
Error XXXXXX.XXX (2)

PROC XXXXXXX line XXX, Open  
Error XXXXXX.XXX (3)

PROC XXXXXXX line XXX, Open  
Error XXXXXX.XXX (4)

PROC XXXXXXX line XXX, Open  
Error XXXXXX.XXX (5)

PROC XXXXXXX line XXX, type  
mismatch

#### Reason for Error

No supporting documentation  
explaining this error.

File Not Found. Example: A file is  
missing.

Path Not Found. Examples: (1)  
Trying to copy download to floppy  
disk using an unformatted disk. (2)  
Disk not in floppy drive. (3) Floppy  
disk is full.

Too Many Files Open. Examples:  
(1) FSM has an extended number  
of files open that need to be closed.  
(2) The file handles in the config.sys  
or fsm.bat are set too low.

File Access Denied. Example: Two  
people using FSM on a network  
with the same user ID.

Data Type Mismatch. Example:  
Program is trying to assign numeric  
data to a character data type.

#### Resolution

Reboot.

The file listed before "(2)" is the  
missing file. If the file begins with  
"..\", then search the FSM directory;  
otherwise, search the  
FSM\FSMmmyy directory for the  
missing file. Then call the Help  
Desk (405-954-3000) reporting this  
problem.

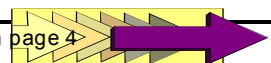
(1) Format a floppy disk and retry.  
(2) Make sure floppy disk is in  
floppy disk drive. (3) Retry using  
another formatted floppy disk with  
adequate space on the disk.

First, exit FSM and re-enter FSM  
which will close open files. If you  
continue to get this error message,  
increase the number of file handles  
in the config.sys and/or fsm.bat  
files. Recommended settings are  
Files=120 in the config.sys file.  
In the fsm.bat file the CLIPPER  
statement should read "set  
CLIPPER=f90;v18".

Have one person log off then log  
back on with a different user ID.

Contact Help Desk (405-954-3000)  
to report this error.

Call (405) 954-3000 if none of the above resolutions resolve the error you encountered or if you receive error messages not listed.



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## ASK DAFIS NEWS

**Q:** I entered a 'G' schedule with a transposed schedule number. Why did DAFIS accept the incorrect schedule number without giving an error message? I later entered another 'G' schedule to correct the incorrect number. Was this step necessary?

**A:** There is no edit on the 'G' schedule number other than to determine if it is an exact duplicate of a previously entered number. 'G' schedule numbers are maintained and assigned by each administrative office and are not edited by digit within DAFIS.

The batch to correct the 'G' schedule number was necessary only to have an audit trail between your local 'G' schedule log and the schedule reference

This question was submitted by Brenda Washington in the FHWA Texas Division office. Thanks, Brenda, for participating in 'ASK DAFIS NEWS'!!

If you have a question for the "Ask DAFIS NEWS" column, please write to the Mike Monroney Aeronautical Center, Attn: DAFIS NEWS (AMZ-2B), P. O. Box 25082, Oklahoma City, OK 73125. Fax number is (405) 954-4380. ♦

## DAFIS MIR DATA WAREHOUSE STATUS

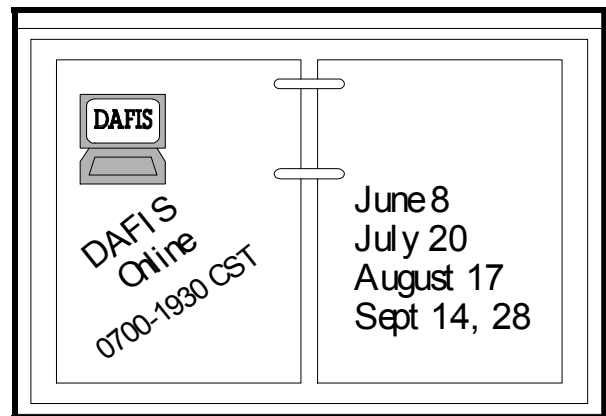
As of May 24 designated personnel at all administrations are participating in the DAFIS MIR Data Warehouse beta test.

For further information please visit our web site, (<http://www.amz.jccbi.gov>) or contact Ron Weston at (202)-366-5634 or Gary Walvoord at (405) 954-7660. ♦

### FY96 Closing Instructions Issued

Detailed procedures for a successful yearend closing have been issued by the DAFIS Project Manager. New information, key dates, and changes for 1996 yearend closing are included. Information for specific operating administrations is also identified.

Comments from agencies are due to SVC - 161 by close of business June 19 (5:00 EST). Any comments received after this date will not be reviewed. Any questions or concerns should be directed to Ron Weston at (202) 366-5634. ♦



## DAFIS NEWS

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